Index of Claims

| App | licatio | n/Control | No. |
|-----|---------|-----------|-----|
|-----|---------|-----------|-----|

10/806,898 Examiner

Julio R. Perez

Applicant(s)/Patent under Reexamination

STEPHENS, ADRIAN P.

Art Unit

2617

Rejected Allowed

(Through numeral) Cancelled

Restricted

÷

Non-Elected N 1 Interference

Appeal Α 0 Objected

|          |          |          |              |          |  |  |                |  |          |               |     |       |          |                 |          | _        |          |  |              | _ |
|----------|----------|----------|--------------|----------|--|--|----------------|--|----------|---------------|-----|-------|----------|-----------------|----------|----------|----------|--|--------------|---|
| Clai     | m        |          |              |          |  | Dat  | е              |  |          |               |     | Cla   | im       |                 | _        | _        |          | Dat  | e            | _ |
| Final    | Original | 2/22/07  |              |          |  |  |                |  |          |               |     | Final | Original |                 |          |          |          |  |              |   |
|          | 1        | 1        |              |          |  |  |                |  |          |               | ]   |       | 51       |                 | $\neg$   |          |          |  |              | T |
|          | 2        | 1        |              |          |  |  |                |  |          |               |     |       | 52       | П               |          |          |          |  |              | Γ |
|          | 3        | 7        |              |          |  |  |                |  |          |               |     |       | 53       |                 |          |          |          |  |              | Ī |
|          | 4        | 7        |              |          |  |  |                |  |          |               |     |       | 54       |                 |          |          |          |  |              | Γ |
|          | 5        | 1        |              |          |  |  |                |  |          |               |     |       | 55       |                 |          |          |          |  |              | Ι |
|          | 9        | 1        |              |          |  | L  | Ĺ              |  |          |               |     |       | 56       |                 |          |          |          |  | L            | Ι |
|          | 7        | 7        | _            |          |  | _  | L              | L  | <u> </u> | _             |     |       | 57       | Ш               |          |          |          | L  | L            | L |
|          | 8        | <b>V</b> | L            |          | _  | <u> </u>   | L              | $ldsymbol{ld}}}}}}$ | _        | _             |     |       | 58       | Ш               | _        |          |          | _  | L            | L |
|          | 9        | V        | <u> </u>     | <u> </u> | L.   | ╙  | L              | _  | _        |               |     |       | 59       | Ш               | _        |          | _        | $ldsymbol{ld}}}}}}$ | _            | L |
|          | 10       | 1        |              | <u> </u> | L.,  | ļ  | <u> </u>       | L  | _        | _             |     |       | 60       |                 | _        |          | _        | <u> </u>   | <u> </u>     | Ļ |
|          | 11       | 1        | ļ.,          | <u> </u> | ⊢  | ⊢  | <del> </del> _ | _  | _        | _             |     | -     | 61       |                 | 4        |          | <u> </u> | <u> </u>   | <u> </u>     | Ļ |
|          | 12       | 7        | _            | <u> </u> |  | <b> -</b>  | <u> </u>       | <u> </u>   | ļ.       |               |     |       | 62       | $\vdash$        | 4        |          | <u> </u> | _  | -            | Ļ |
| -        | 13       | 1        | <u> </u>     | -        | <del> </del>                                     | $\vdash$   | -              | -  | ļ        |               |     |       | 63       | $\vdash \vdash$ | _        |          | -        | ├-   | <del> </del> | ╀ |
|          | 14<br>15 |          |              | -        | _  | <u> </u>   | <u> </u>       | -  | <u> </u> | _             |     |       | 64       | $\vdash \vdash$ | -        |          | <u> </u> |  | $\vdash$     | ╀ |
| $\vdash$ |          | 7        | -            | _        | -  | <b>├</b> ─                                       | <u> </u>       | <u> </u>   | <u> </u> | _             |     |       | 65       | -               | -        | _        | $\vdash$ | <u> </u>   | -            | ╀ |
|          | 16<br>17 | 7        | -            | ⊢        | $\vdash$   | ⊢  | -              | -  |          | <u> </u>      |     |       | 66       | Н               | -        |          | ├        |  | ⊢            | ╀ |
| 1        | 18       | 1        | <u> </u>     | ⊢        | -  | ├  | ┝              | ⊢  | ⊢        |               |     |       | 67       | $\vdash$        | $\dashv$ | _        | $\vdash$ |  | ⊢            | ╀ |
|          | 19       | 1        |              | -        | -  | ⊢  | ⊢              | $\vdash$   |          | -             |     |       | 68<br>69 | $\vdash$        | $\dashv$ |          | _        |  | -            | ╀ |
|          | 20       | 1        | -            | -        | -  | ├  | ┝              | -  | ┝        | _             |     |       | 70       | $\vdash$        | $\dashv$ |          | ┝        | ┝  | ⊢            | ╀ |
|          | 21       | 1        | ┝            | _        |  | -  | ┝              | -  | _        | -             |     |       | 71       |                 | $\dashv$ |          | -        | ⊢  | -            | ╁ |
|          | 22       | 7        | $\vdash$     | -        | -  | -  | ┢╾             | -  | -        |               |     | -     | 72       | H               | $\dashv$ |          | $\vdash$ | H  | ├            | ╁ |
|          | 23       | Ť        | <del> </del> |          | $\vdash$   | $\vdash$   | ┢              |  |          |               |     |       | 73       | H               | $\dashv$ |          | -        |  | ⊢            | H |
|          | 24       | 1        | H            |          | -  | -  |                | -  |          |               |     |       | 74       | ╌┼              | $\dashv$ | _        | $\vdash$ |  | ⊢            | t |
|          | 25       | 1        | $\vdash$     |          | <del>                                     </del> |  |                | -  |          | _             | l   |       | 75       | H               | -        |          | $\vdash$ |  | ┢            | t |
|          | 26       | 1        | -            |          | $\vdash$   |  |                |  |          |               | l   |       | 76       | П               |          |          | $\vdash$ |  | $\vdash$     | t |
|          | 27       | 1        |              |          |  |  | $\vdash$       |  |          | $\overline{}$ | 1 1 |       | 77       |                 |          |          | $\vdash$ |  | $\vdash$     | t |
|          | 28       | 1        |              |          |  |  |                |  |          |               | ĺ   |       | 78       | П               | $\neg$   |          |          |  | $\vdash$     | t |
|          | 29       | 1        |              |          |  |  |                |  |          |               | i I |       | 79       |                 |          |          |          |  |              | T |
|          | 30       | 7        |              |          |  |  |                |  |          |               | l l |       | 80       |                 |          |          |          |  |              | Γ |
|          | 31       |          |              |          |  |  |                |  |          |               |     |       | 81       |                 |          |          |          |  |              | Γ |
|          | 32       |          |              |          |  |  |                |  |          |               |     |       | 82       |                 |          |          |          |  |              | Γ |
|          | 33       |          |              |          |  |  |                |  |          |               |     |       | 83       |                 |          |          |          |  |              | Γ |
|          | 34       |          |              |          | L  | <u> </u>   | L              |  |          | L             |     |       | 84       |                 |          |          |          |  |              | L |
|          | 35       |          |              | L.       | L  | <u> </u>   | L              |  |          |               |     |       | 85       | Ш               | $\Box$   | _        | L        |  | L            | L |
|          | 36       |          |              |          |  | L  | _              |  |          |               |     |       | 86       |                 |          |          |          |  | L            | L |
|          | 37       |          |              |          | _  | _  |                | Ш  | _        |               |     |       | 87       | Ш               | _        |          |          | _  | L            | L |
|          | 38       |          |              |          | <u> </u>   | <u> </u>   | ᆫ              |  |          | _             | H   |       | 88       | Ш               | _        |          | Ш        |  | L_           | L |
| $\vdash$ | 39       |          |              | _        | _  | _  | ļ              |  |          | _             |     |       | 89       | Ш               | 4        |          | _        |  | <u> </u>     | L |
|          | 40       |          |              | _        | <u> </u>   | -  | <u> </u>       |  |          |               |     |       | 90       | $\sqcup$        | -        |          |          | _  | _            | Ļ |
|          | 41       |          | <u> </u>     | _        | -  | <del> </del>                                     | <u> </u>       | <u> </u>   | -        |               |     |       | 91       | $\vdash \vdash$ |          |          |          | <u> </u>   | <u> </u>     | Ł |
| $\vdash$ | 42       |          | <u> </u>     | <u> </u> | ⊢  |  | $\vdash$       | <u> </u>   | -        | <u> </u>      |     |       | 92       | $\vdash \vdash$ | $\dashv$ | -        | <u> </u> | <u> </u>   | ├-           | H |
|          | 43       |          | -            |          | $\vdash$   | <del> </del>                                     | $\vdash$       | $\vdash$   | -        | <u> </u>      |     |       | 93       | $\vdash \vdash$ | $\dashv$ |          | $\vdash$ | <u> </u>   | ├-           | H |
|          | 44       | $\vdash$ | H            | _        | H  | -  | -              | Η.   | <u> </u> | <u> </u>      |     |       | 94       | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$ | <u> </u>   | -            | Ͱ |
| $\vdash$ | 45<br>46 |          | Н            | -        | ļ  | -  | $\vdash$       |  |          | $\vdash$      |     |       | 95<br>96 | $\vdash \vdash$ |          |          |          | _  | ⊢            | ₽ |
|          | 46       | -        | -            |          | <del> </del>                                     | 0  | $\vdash$       | -  |          | $\vdash$      |     |       | 96       | $\vdash$        | -        |          |          | H  | $\vdash$     | ⊦ |
|          | 48       | $\vdash$ | <u> </u>     |          | -  | 1  | $\vdash$       | H  | -        | -             |     |       | 98       | $\vdash$        | $\dashv$ | -        |          | <u> </u>   | ├            | ⊦ |
|          | 49       | $\vdash$ | -            |          | $\vdash$   | $\vdash$   | $\vdash$       |  |          | $\vdash$      |     |       | 99       | $\vdash$        | $\dashv$ | -        | $\vdash$ | $\vdash$   | -            | H |
|          | 50       | $\vdash$ | $\vdash$     |          | $\vdash$   | <del>                                     </del> | $\vdash$       | $\vdash$   |          | _             |     |       | 100      | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$   | $\vdash$     | H |
|          | 90       | لــــا   | L            | l        | Щ  |  | Ц              | ш  |          | L             | , , |       | 100      | ш               | 1        |          | L        |  | L            | L |

|                |                                  | _  |          |              |  | 2-4  | _  |  |  |          |
|----------------|----------------------------------|--|----------|--------------|--|--|--|--|--|----------|
| Cia            | aim                              | ⊢  | _        |              |  | Date   | <del>-</del>                                     |  | _  | _        |
| Final          | Original                         |  |          |              |  |  |  |  |  |          |
|                | 51<br>52                         |  |          |              |  |  |  |  |  |          |
| L              | 52                               |  |          |              |  |  |  |  |  |          |
|                | 53                               |  |          |              |  |  |  |  |  |          |
|                | 54<br>55                         |  |          |              |  |  |  |  |  |          |
|                | 55                               |  |          |              |  |  |  |  |  |          |
|                | 56                               |  |          |              |  |  |  |  |  |          |
|                | 57                               |  |          |              |  |  |  |  |  |          |
|                | 58                               |  | _        |              |  |  |  |  |  |          |
|                | 59                               | L  | 匚        | L            | L  |  |  | 乚  | _  |          |
|                | 60<br>61                         |  |          | L            |  | L  |  | L  |  |          |
|                | 61                               | _  | L        | L            | _  | 匚  |  | _  |  |          |
|                | 62<br>63                         |  | <u> </u> | _            |  | L  |  | L  | <u> </u>   |          |
|                | 63                               |  | L        | <u> </u>     |  |  |  | <u> </u>   |  |          |
|                | 64                               |  | <u> </u> |              | _  | $ldsymbol{f eta}$                                | <u>L</u>   |  | _  | L        |
|                | 65                               | <u></u>  | L        | 乚            | L  |  | _  | 匚  |  |          |
|                | 66                               |  | L        |              | <u> </u>                                     |  |  |  | _  | _        |
| <u></u>        | 67                               | L  | _        | _            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |  | _  | _  |          |
| <u></u>        | 68                               | _  | _        |              |  |  |  | _  | _  |          |
|                | 69                               | <u> </u>   | L_       | <u> </u>     | <u> </u>                                     | _  | _  |  | _  |          |
|                | 70                               | L  | _        | _            | _  | _  |  | $ldsymbol{ld}}}}}}$ | <u> </u>   |          |
| <u></u>        | 71                               | <u> </u>   | _        | ļ            | L  | _  |  | L  | _  |          |
| L              | 72                               | _  |          |              |  |  |  | _  |  |          |
| <u> </u>       | 70<br>71<br>72<br>73<br>74<br>75 | <u> </u>   | _        | <u> </u>     | Ŀ  |  |  | <u> </u>   | _  |          |
| <u> </u>       | 74                               | ╙  | _        |              | _  |  |  | _  | _  | _        |
| <u> </u>       | 75                               | <u> </u>   | <u> </u> | ⊢            | <u> </u>                                     |  | _  | <u> </u>   | _  | _        |
| <u></u>        | 76<br>77                         | _  |          | <u> </u>     | <u> </u>                                     | _  | <u> </u>   | _  |  | <u> </u> |
| -              | 77                               | <u> </u>   |          | ⊢            | ⊢  | <u> </u>   | _  | -  | _  | _        |
| <u> </u>       | 78<br>79                         | <u> </u>   | -        | <del> </del> | -  | ┝  | ├  |  | ┝  | ┝        |
|                | 80                               | _  | -        | ├            | <del> </del>                                 | ┝  | ├  |  | ┝  | ┝        |
| -              | 81                               | -  | -        | -            | ├  |  | ├  |  | ⊢  | ┝        |
|                | 82                               |  | -        | ┝            | ⊢  | ⊢  | -  | ┝  | -  | -        |
|                | 83                               |  | -        | -            | ├  | -  | ├  | -  | -  | $\vdash$ |
| <del></del>    | 84                               | <del>                                     </del> | $\vdash$ | $\vdash$     | ┢  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -        |
|                | 85                               | $\vdash$   | $\vdash$ | ┢            | $\vdash$                                     | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | -        |
| <del>  -</del> | 86                               | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$                                     | <del>                                     </del> |  | $\vdash$   | <del>                                     </del> | -        |
|                | 87                               | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$                                     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -        |
|                | 88                               |  | $\vdash$ | -            | <u> </u>                                     | Т  | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$ |
|                | 89                               | Г  | $\vdash$ | $\vdash$     | $\vdash$                                     | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$ |
|                | 90                               | Г  |          | $\vdash$     |  |  |  |  |  | Т        |
|                | 91                               |  | Т        | <u> </u>     |  |  | $\vdash$   | Т  |  | Г        |
|                | 92                               |  | <b>—</b> | l —          |  |  |  |  |  | Г        |
|                | 93                               | П  |          | Г            |  |  |  |  |  | Г        |
|                | 94                               | П  | П        |              | П  |  |  |  |  | Т        |
|                | 95                               |  |          | Г            | Г  |  |  |  |  |          |
|                | 96                               |  |          |              |  |  |  |  |  |          |
|                | 97                               |  |          |              |  |  |  |  |  |          |
|                | 98                               |  |          |              |  |  |  |  |  |          |
|                | 99                               |  |          |              |  |  |  |  |  |          |
|                | 100                              |  |          |              | П  |  |  |  |  |          |

| Claim  |  | Date |   |          |          |              |          |          |          |          |  |  |
|--|--|------|---|----------|----------|--------------|----------|----------|----------|----------|--|--|
| Final  | Original   |      |   |          |          |              |          |          |          |          |  |  |
|  | 101<br>102<br>103                                    |      |   |          |          |              |          |          |          |          |  |  |
|  | 102  |      |   |          |          |              |          |          |          |          |  |  |
|  | 103  |      |   |          | _        |              | _        | L_       | L        |          |  |  |
|  | 104<br>105<br>106                                    |      |   | <u> </u> | <b>!</b> | <u> </u>     | <u> </u> | <u> </u> |          |          |  |  |
|  | 105  |      |   |          | <u> </u> | $\vdash$     |          |          |          | Щ        |  |  |
|  | 106  |      |   | -        | _        | H            | -        |          | -        |          |  |  |
|  | 107<br>108   |      |   | $\vdash$ | $\vdash$ | -            | $\vdash$ | _        |          | -        |  |  |
|  | 109  |      | - | ╌        | $\vdash$ | _            | $\vdash$ |          |          | $\vdash$ |  |  |
|  | 110  |      |   | -        | 一        | Н            | $\vdash$ | _        | $\vdash$ |          |  |  |
|  | 111  |      |   |          | ┢        |              |          |          |          |          |  |  |
|  | 112  |      |   |          | Г        |              |          |          |          |          |  |  |
|  | 112<br>113   |      |   |          |          |              |          |          |          |          |  |  |
|  | 114  |      |   |          |          |              |          |          |          |          |  |  |
|  | 115<br>116   |      |   |          |          |              |          |          |          |          |  |  |
|  | 116  |      | _ |          | <u> </u> | <u>L</u>     | _        |          |          | Ш        |  |  |
|  | 117  |      | _ | _        | <u> </u> | _            | _        | _        | ·        | $\Box$   |  |  |
|  | 118<br>119   |      |   | _        |          | $oxed{oxed}$ | _        |          |          | Щ        |  |  |
|  | 119  | _    | _ | H        | ┡        | <u> </u>     | _        |          | _        | Н        |  |  |
| <u> </u>   | 120  |      |   | _        | <u> </u> |              | _        | _        | _        | $\vdash$ |  |  |
|  | 120<br>121<br>122                                    | _    | _ | -        | ├        | -            | <u> </u> | _        |          | Н        |  |  |
|  | 122  |      | _ | $\vdash$ | ┝        | $\vdash$     | -        | _        | -        | -        |  |  |
|  | 124  |      | - |          | ┢        | $\vdash$     | H        |          |          | Н        |  |  |
| <u> </u>   | 125  |      | - |          | H        | H            |          |          |          |          |  |  |
|  | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |      |   |          | ┪        | -            |          |          |          |          |  |  |
|  | 127  |      |   |          |          |              |          |          |          |          |  |  |
|  | 128  |      |   |          |          |              |          |          |          |          |  |  |
|  | 129  |      |   |          |          |              |          |          |          |          |  |  |
|  | 130  |      |   |          |          |              |          |          |          |          |  |  |
|  | 131<br>132   |      |   |          |          |              |          |          |          |          |  |  |
|  | 132  |      |   | Ш        | _        | _            | _        | _        | _        | _        |  |  |
|  | 133  |      |   |          |          | L            | <u> </u> |          | _        | $\dashv$ |  |  |
|  | 134<br>135   | _    | _ | _        |          | -            | <u> </u> | _        | <u> </u> |          |  |  |
| <del>                                     </del> | 136  |      |   | $\vdash$ | -        | $\vdash$     |          | H        | $\vdash$ | $\dashv$ |  |  |
|  | 137  | -    |   | $\vdash$ |          | H            | -        |          | -        | $\vdash$ |  |  |
|  | 138  |      |   | $\vdash$ |          | Н            | -        | -        |          | $\dashv$ |  |  |
|  | 139  |      |   |          |          | П            |          | _        |          | $\dashv$ |  |  |
|  | 140  |      |   |          |          |              |          |          |          | $\neg$   |  |  |
|  | 141  |      |   |          |          |              |          |          |          |          |  |  |
|  | 142  |      |   |          |          |              |          |          |          |          |  |  |
|  | 143  |      |   |          |          |              |          |          |          |          |  |  |
|  | 144  |      |   |          | Щ        | $\Box$       |          |          |          |          |  |  |
|  | 145  | Ш    |   |          | Ш        | Щ.           |          |          |          | Щ        |  |  |
|  | 146  |      |   | Щ        |          | $\vdash$     |          | _        |          | Щ        |  |  |
|  | 147  |      |   |          |          |              |          |          | _        | $\Box$   |  |  |
|  | 148  |      |   | ļ        |          | <u> </u>     | _        |          |          | $\dashv$ |  |  |
|  | 149<br>150   | -    |   |          |          | _            | _        | _        | _        | $\dashv$ |  |  |
| لـــــا  | 100  |      |   |          | L        |              | Щ.       |          |          | Ш        |  |  |